

AN OLD WEATHER DIARY IN NORTHEASTERN INDIANA

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Through the thoughtfulness and courtesy of Mr. and Mrs. J. G. Carman, who now possess the original, the Weather Bureau recently had the privilege of copying a weather diary that covers the period 1837 to 1874. This diary, begun by Rapin Andrews while living in New York State, was carried on by him after he moved to Indiana in July 1839. Following his death, it was continued, with but few breaks, by his family until April 1874.

The place of record is a farm 1 mile north and $\frac{1}{2}$ mile west of Hometown, Ind., about 12 miles north of Fort Wayne; hence this record is fairly comparable with the Weather Bureau records in later years at Fort Wayne. Temperature readings were taken three times daily, and notes on the weather for each day, including the prevailing wind direction, were well kept.

The highest temperature noted in the diary was 102° at noon, July 9, 1846. This compares favorably with the later official record at Fort Wayne of 106° on July 22, 1934. Numerous cold spells are noted in the diary. The lowest temperature recorded was -34° at 7 a. m., January 29, 1873. The lowest on the Fort Wayne official record (since 1911) is -24° on January 12, 1918. The famous (or infamous!) "cold New Year's Day" of 1864 is found to deserve its reputation, for its noon temperature was -16° . It is interesting to note that the monthly extremes of high temperatures largely center around the 1840's, while the extremes of cold are often in the 1860's or early seventies.

Copies of this early record are now on file in the Weather Bureau offices at Washington, D. C., and Indianapolis, and Fort Wayne, Ind.

BIBLIOGRAPHY

C. FITZHUGH TALMAN, *in Charge of Library*

RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies.

Argentine republic. Dirección de meteorología, geofísica e hidrología.

El régimen pluviométrico de la República Argentina. Buenos Aires. 1934. 28 p. maps (part fold.), tabs. 32 cm. Año 1934.

Austria. Flugwetterdienst

Aerologische Beobachtungen. Wien. 1931-1933. tables. 30 cm. 1-24 H. 1931-1933.

British East Africa. Meteorological service

Results of meteorological observations made at the Kabete first order station, Kenya . . . during the months of January-December 1931 . . . n. p. 1931. 37½ cm.

— Summary of rainfall in Kenya colony for the months of January-December 1930. n. p. 1931. 36½ cm.

— Summary of rainfall in Uganda protectorate. 1932. 36½ cm.

Chapman, B. Burgoyne

The climatic regions of China. A preliminary report of the China land utilization study, prepared by the Department of agricultural economics, College of agriculture and forestry, the University of Nanking. Nanking. 1933. 77 p. maps, tables. 23½ cm. (Bulletin no. 3, new series.)

[Colombia]. Ministerio de agricultura y comercio

Boletín de agricultura. Suplemento de meteorología. Bogotá. 1934. 168 p. tables. 24 cm.

De Fina, Armando L.

La predicción del rendimiento del trigo en base a caracteres biometricos. Buenos Aires. 1935. p. 293-302. tab., diagr. 22½ cm. (Reprint: Rev. Argent. de agron., Tomo 1, N° 4, p. 293-302.)

Ekhart, E.

Klima von Innsbruck. Mit teilweiser Benutzung des Materials einer Dissertation von Frl. Dr. F. Wilcke. n. p. n. d. p. 247-359. tab., diagr. 26 cm. (Sonderabdr. Bericht. d. Naturwissensch.-Mediz. Vereines in Innsbruck, XLIII-XLIV. Jahrg. 1931/31 bis 1933/34.)

French West Africa. Service météorologique

Bulletin. Gorée. 1932-1933. Tome 1. Juillet 1931-Décembre 1931.

Gardner, Arthur

Sun, cloud, and snow in the western Highlands from Glencoe to Ardamurchan, Mull and Arran. ill. by 116 photographs. Edinburgh. 1933. 122 p. illus. (map), 105 pl. (incl. front.) 23 cm.

Gherzi, Ernest

Atlas de l'humidité relative en Chine. Shanghai. 1934. v. p. tab., maps (plates). 34 cm. (Observatoire de Zikawei.)

Hajósy, F [erenc.]

Die Verteilung des Niederschlages in Ungarn. (1901-1930.) Budapest. 1935. 34 p. maps (in folder), tab., diagr. 31 cm. (Off. Publik. Reichsanst. f. Meteorologie und Erdmagnetismus. 1935. Band XI.) [Title and text in Hungarian and German.]

Harrison, Lucia Carolyn

Daylight, twilight, darkness, and time; their distribution over the earth and their relationships to human affairs. New York, Newark, etc. c1935. viii, 216 p. incl. front., illus., diagrs. 20 cm.

Japan. Central meteorological observatory

Short report of the results of observations of solar radiation made in Japan. 1932-33. Tokyo. 39½ cm. nos. 1-16. 1932-33.

Matthews, Ernest Romney

Coast erosion and protection. 3d ed., rev. . . . Brysson Cunningham. London. 1934. xviii, 228 p. front., illus., 35 plates (part fold.), diagrs. 23 cm.

Nanking. National reserach institute of meteorology. Academia sinica.

International atlas of clouds. Pei Chi Ko, Nanking. April 1932. 13 p. plus 41 plates. 31 cm. [Text in Chinese, t. p. also in English.]

Poisson, Charles

Les cyclones tropicaux. Paris. 1931. 59 p. illus., pl. 32 cm. (Extrait des Annales de l'Académie des sciences coloniales, Tome V.)

— Études sur les tempêtes de la saison 1933-34 à Madagascar. Tananarive. 1934. 47 p. maps (part fold.) diagr. 28 cm. (Publ. du Serv. météor. de Madagascar. No. 3. (Août 1934.)